

PHILIP MORRIS U. S. A.  
INTER-OFFICE CORRESPONDENCE  
RICHMOND, VIRGINIA

To: • G. Kraft  
From: • A. L. Collins  
Date: October 7, 1983  
Subject: • INTERNATIONAL TOBACCO CONFERENCE - SEPTEMBER 14-19, 1983 (RICHMOND)

Jim Bowling, Ben Sorrels and I attended the conference program. I was ill on Thursday and unable to attend that day but have printed transcripts for that day available.

Of particular interest to Rod Making personnel were the following subjects:

1. Control of Cigarette Performance - Dr. William Selke, Schweitzer Division of Kimberly Clark. Reprint available. Dr. Selke described in particular how CO levels in cigarette smoke can be reduced by using more permeable tipping and plug wrap. (This also reduces tar delivery.) To maintain tar delivery at this diluted rate, a less efficient filter can be used.
2. Quality Cigarette Manufacture - Mr. John Nowers, Molins Machine Ltd. Reprint available. Mr. Nowers reviewed the evolution of maker hopper design relative to filler blends and strand length changes to keep filling power consistent.
3. Filtration of Cigarette Smoke - Mr. Pat Taylor, American Filtrona. Reprint unavailable. Mr. Taylor discussed smoke formation and properties, the mechanics of filtration and acetate and specialty filters.
4. Modern Tipping Materials - Mr. John Shannon, Mandet/Hermetite. Reprint available. Mr. Shannon discussed in depth the three means of perforating tipping paper - mechanical, electrostatic and laser, and their effects on cigarette appearance and performance.
5. Cigarette Adhesives - State of the Art - Mr. Gary Tucker, H.B. Fuller. Reprint available. Mr. Tucker spoke about the ten different adhesives used in cigarette production and how the changes in component materials affect adhesive performance.
6. Automated Quality Control - Dr. F. S. Bryant, AccuRay Corp. Reprint available. Dr. Bryant discussed the need for on-line automated quality control and the savings available by tighter weight control of product.
7. Trends Instrumentation for Cigarette and Filter Testing - Mr. Keith Holland, Filtrona Instruments. Reprint available. Mr. Holland's main thrust involved the advantages of microprocessor control and measurement of cigarette and plug items since they can be measured both off-line and on-line.

(Cont'd.)

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8. High Speed Cigarette Packaging - Dr. Carlo Grossi, G.D Bologna. Reprint available. Dr. Grossi stressed cost effective production means using higher speed, more efficient equipment to keep total costs down in cigarette manufacturing. He also discussed packaging's role in market strategies and the integration of production lines from maker to carton.

If you wish copies of any of these transcripts, please call me on ext. 5845.

  
A. L. Collins

/jm

cc: G. Atwell  
J. Bowling  
L. Gregory  
E. Grollimund  
C. Hayward/G. Tew  
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